

Conservation Effects

Land use: Pasture

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Resource Setting: Pasture adjacent to surface water.

RMS Alternative #1

Diversion (362)

Fence

Nutrient Management (590)

Pasture and Hayland Planting (512)

Pest Management (595)

Prescribed Grazing (528A)

Riparian Forest Buffer (391)

Stream Crossing and Livestock Access (728)

Well Decommissioning

Typical Resource Concerns	Practice(s) that treat the resource concern to Quality Criteria levels*	Comments
SOIL Erosion		
1) Sheet & rill erosion	Pasture and Hayland Planting (512) Prescribed Grazing (528A)	soil loss less than “T”
2) Wind erosion	Pasture and Hayland Planting (512) Prescribed Grazing (528A)	soil loss less than “T”
3) Classic gully/ concentrated flow erosion	Diversion (362)	gullies stabilized
4) Other erosion	Stream Crossing and Livestock Access (728)	areas stabilized
WATER Quality – ground water		
1) Pesticides	Pest Management (595) Well Decommissioning (351)	pesticide movement minimized
2) Nutrients	Nutrient Management (590) Well Decommissioning (351)	nutrient movement minimized
3) Pathogens	Well Decommissioning (351)	conduit eliminated
WATER Quality – surface water		
1) Pesticides	Pest Management (595) Riparian Forest Buffer (391)	pesticide movement minimized
2) Livestock operations	Nutrient Management (590) Riparian Forest Buffer (391) Stream Crossing & Livestock Access (728)	Manure and nutrient movement minimized.
WATER Quantity – no concern		
AIR		
1) Airborne Chemical Drift	Pest Management (595)	Application in compliance with laws and consistent with Drift Management Plan.
2) Airborne Odors		No complaints or complaints resolved.

* Practices must be installed according to NRCS practice standards found in FOTG Section IV. General criteria (or design criteria), Additional Criteria specific to the resource concern, and Operation and Maintenance requirements must be met.

Typical Resource Concerns	Practice(s) that treat the resource concern to Quality Criteria levels*	Comments
PLANTS		
1) Invasive species and noxious weeds	Pest Management (595) Prescribed Grazing (528A)	Invasive species and noxious weeds controlled.
2) Threatened and endangered species	Pest Management (595)	Laws regarding T&E species followed.
ANIMAL Habitat		
1) Wildlife Habitat secondary purpose	Pasture & Hayland Planting (512)	Three (3) species of grass/legumes planted. Provides Herbaceous Cover Habitat Index over 0.35.
2) Warmwater and coldwater fisheries	Riparian Forest Buffer (391)	35 feet of permanent vegetation along watercourses
ANIMAL Management		
1) Domestic animal wellbeing	Fence (382) Pasture and Hayland Planting (512) Prescribed Grazing (528A) Stream Crossing and Livestock Access (728)	Care of animals regarding food, water, shelter and safety consistent with GAAMPs.
2) Threatened and endangered species	Pest Management (595)	Laws regarding T&E species followed.

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